

Notice of Allowability

Application No.	Applicant(s)
10/671,471	KAWANO ET AL.
Examiner	Art Unit
William H. Wood	2193

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTO-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 17 May 2007.
2. The allowed claim(s) is/are 1,2,6,7,9,12 and 13.
3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application
6. Interview Summary (PTO-413),
Paper No./Mail Date 20070711
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Joe Wrkich on 09 July 2007.

The application has been amended as follows:

Claim 1 (AMENDED)

Replace the limitation: "generating means for generating update management data when the update management data is not provided with installed software" with:

"generating means for generating update management data, the update management data indicating a timing cycle based on a nature of installed software and for confirming the presence of updates for the installed software, when the update management data is not provided with the installed software;"

Replace the limitation: "judging means for judging, on a cycle determined based on a nature of the installed software, whether among said installed software,

there exists software for which a presence of updates needs to be confirmed;” with:

“judging means for judging, based on said update management data whether or not, among said installed software, there exists software for which a presence of updates needs to be confirmed;”

Claim 6 (AMENDED)

Replace the limitation: “generating update management data when the update management data is not provided with installed software” with:

“generating update management data, the update management data indicating a timing cycle based on a nature of installed software and for confirming the presence of updates for the installed software, when the update management data is not provided with the installed software;”

Replace the limitation: “judging, on a cycle determined based on a nature of the installed software, whether among said installed software, there exists software for which a presence of updates needs to be confirmed;” with:

“judging, based on said update management data whether or not, among said installed software, there exists software for which a presence of updates needs to be confirmed;”

Claim 7 (AMENDED)

Replace the limitation: “generating update management data when the update management data is not provided with installed software” with:

“generating update management data, the update management data indicating a timing cycle based on a nature of installed software and for confirming the presence of updates for the installed software, when the update management data is not provided with the installed software;”

Replace the limitation: “judging, on a cycle determined based on a nature of the installed software, whether among said installed software, there exists software for which a presence of updates needs to be confirmed;” with:

“judging, based on said update management data whether or not, among said installed software, there exists software for which a presence of updates needs to be confirmed;”

Claim 9 (AMENDED)

Replace the limitation: “generation unit configured to generate update management data when the update management data is not provided with installed software” with:

“generation unit configured to generate update management data, the update management data indicating a timing cycle based on a nature of

installed software and for confirming the presence of updates for the installed software, when the update management data is not provided with the installed software;"

Replace the limitation: "judging unit configured to judge, on a cycle determined based on a nature of the installed software, whether among said installed software, there exists software for which a presence of updates needs to be confirmed;" with:

"judging unit configured to judge, based on said update management data whether or not, among said installed software, there exists software for which a presence of updates needs to be confirmed;"

Claim 12 (NEW)

An electronic device for executing a process in accordance with update confirmation information regarding a presence or absence of updates for predetermined software supplied from an update data supplying apparatus via a network, wherein said electronic device comprises:

generating means for generating update management data, the update management data indicating a timing cycle based on a nature of the installed software and for confirming the presence of updates for the installed software, when the update management data is not provided with installed software;

storage means for storing said update management data generated by said generating means;

judging means for judging, based on said update management data whether or not, among said installed software, there exists software for which a presence of updates needs to be confirmed;

detection means for detecting said update data supplying apparatus to which an inquiry is to be made on the presence of updates for said software for which said judging means has judged a confirmation to be necessary;

inquiring means for making an inquiry on the presence of updates for said software to said update data supplying apparatus detected by said detection means; and

execution means for executing a process based on said update confirmation information supplied from said update data supplying apparatus in response to said inquiry made by said inquiring means.

Claim 13 (NEW)

An information processing method of an information processing apparatus which executes a process in accordance with update confirmation information supplied from an update data supplying apparatus that supplies via a network said update confirmation information regarding the presence or absence of updates for predetermined software, comprising the steps of:

generating update management data, the update management data indicating a timing cycle based on a nature of the installed software and for confirming the presence of updates for the installed software, when the update management data is not provided with installed software;

storing said update management data generated by said generating; judging, based on said update management data whether or not, among said installed software, there exists software for which a presence of updates needs to be confirmed;

detecting said update data supplying apparatus to which an inquiry is to be made on the presence of updates for said software for which said judging has judged a confirmation to be necessary;

making an inquiry on the presence of updates for said software to said update data supplying apparatus detected by said detecting; and executing a process based on said update confirmation information supplied from said update data supplying apparatus in response to said inquiry made by said inquiring.

Claims 1, 2, 6, 7, 9 and 12-13 are allowed.

Reasons for Allowance

The following is an examiner's statement of reasons for allowance: the prior art of record fails to teach or suggest the claimed invention. Specifically, the prior art of record fails to teach or suggest generating means for generating update management data, the update management data indicating a timing cycle based on a nature of the installed software and for confirming the presence of updates for the installed software, when the update management data is not provided with installed software; storage means for storing said update management data generated by said generating means; judging means for judging, based on said update management data whether or not, among said installed software, there exists software for which a presence of updates needs to be confirmed by an electronic device in relation to a update data supplying apparatus, as recited in independent claims 1, 6, 7, 9 and 12-13.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Correspondence Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William H. Wood whose telephone number is (571)-272-3736. The examiner can normally be reached 10:00am - 4:00pm Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571)-272-3756. The fax phone numbers for the organization where this application or proceeding is assigned are (571)273-8300 for regular communications.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR systems, see <http://pair-direct.uspto.gov>. For questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-3900.



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